

What is claimed is:

1. A system for searching a target Web site, comprising:
 - an Internet network;
 - 5 a client computer, coupled to said Internet network, having a Web browser for providing at least one Web browser screen, the Web browser screen comprising:
 - an input box having a first or second
 - language-based domain name inputted by a user at said
 - 10 client computer;
 - a first keyboard conversion icon being clicked in order to convert a keyboard into a first language-based keyboard, the keyboard being attached to said client computer;
 - 15 a second keyboard conversion icon being clicked in order to convert the keyboard into a second language-based keyboard; and
 - a search icon being clicked in order to search the target Web site having the first language-based
 - 20 domain name mapped to the second language-based domain name;
 - an intermediate server computer, coupled to said Internet network, for searching the target Web site in response to the first or second language-based domain name
 - 25 inputted into the input box and for providing at least one intermediate Web page to said client computer; and
 - a target server computer, coupled to said Internet

network, for providing at least one target Web page, contained in the target Web site, to the Web browser screen.

2. The system of claim 1 wherein said intermediate
5 server computer comprises:

first search means for searching the target Web site having the first language-based domain name; and

second search means for searching the target Web site having the first language-based domain name mapped to the
10 second language-based domain name.

3. The system of claim 2 wherein said intermediate server computer further comprises:

storage means for storing a mapping table, the mapping
15 table containing first language-based domain names and second language-based domain names.

4. The system of claim 3 wherein said second search means further comprises:

20 identifying means for identifying the first language-based domain name mapped to the second language-based domain name from the mapping table.

5. The system of claim 3 wherein the mapping table
25 further containing third language-based domain names.

6. The system of claim 5 wherein said second search

means searches the Web site having the first language-based domain name mapped to a third language-based domain name identified from the mapping table.

5 7. The system of claim 6 wherein said second search means further comprises:

second identifying means for identifying the first language-based domain name mapped to the third language-based domain name from the mapping table.

10

8. The system of claim 6 wherein the intermediate Web page further comprises:

a screen keyboard for generating a set of screen key data corresponding to the third language-based domain name.

15

9. The system of claim 8 wherein the input box receives the third language-based domain name inputted via the screen keyboard by the user at said client computer.

20 10. The system of claim 1 wherein the first language-based domain name is an English-based domain name.

11. The system of claim 1 wherein the second language-based domain name is one of Korean-, Japanese-,
25 Chinese-, German-, French-, Italian-, Latin-, Russian-, Spanish-, Arab-, Portuguese-, Dutch-, and Hindustani-based domain names.

12. The system of claim 6 wherein the third language-based domain name is one of Korean-, Japanese-, Chinese-, German-, French-, Italian-, Latin-, Russian-, Spanish-, Arab-, Portuguese-, Dutch-, and Hindustani-based domain names.

13. The system of claim 3 wherein the mapping table further contains keywords, which are respectively mapped to the first language-based domain names, and class information related to the keywords.

14. The system of claim 1 wherein the input box receives a keyword by the user.

15. The system of claim 14 wherein the keyword is one of first language and second language-based keywords.

16. The system of claim 15 wherein the first language keyword is an English keyword.

17. The system of claim 15 wherein the second language keyword is one of Korean, Japanese, German, Chinese, French, Italian, Latin, Russian, Spanish, Arab, Portuguese, Dutch, and Hindustani keywords.

18. The system of claim 15 wherein the intermediate

Web page further comprises:

a designation box having a list of classes so that the user can designate one class corresponding to the first or second language keyword in the list of classes.

5

19. The system of claim 18 wherein the classes are business corporation, firm, company, private person, musician, song title, entertainer, sportsman, artist, churchman, politician, businessman, celebrity, lawyer,
10 school, state organization, non-profit organization, institute, network manager, country, etc.

20. The system of claim 18 wherein said intermediate server computer further comprises:

15 display means for displaying the screen keyboard on a computer monitor of said client computer; and

conversion means for converting the screen keyboard based on a language to that based on another language.

20 21. The system of claim 20 wherein said conversion means converts the English-based screen keyboard to Korean-based screen keyboard.

22. The system of claim 1 wherein a color of the first
25 or second keyboard conversion icon is varied if the user of said client computer click the first or second keyboard conversion icon.

23. The system of claim 1 wherein the intermediate Web page further comprises:

a designation box having a list of countries so that
5 the user can designate one country in the list of countries.

24. The system of claim 23 wherein said second search means connects said client computer to the target Web site corresponding to the designated country if the user
10 designates one country in the list of countries.

25. The system of claim 1 wherein another Web browser screen provided by the Web browser comprises:

a first input box for receiving the first language-based
15 domain name or a first language keyword inputted by the user at said client computer; and

a second input box for receiving the second language-based domain name or a second language keyword inputted by the user at said client computer.

20

26. The system of claim 25 wherein the Web browser comprises:

second conversion means for converting the first language-based keyboard into the second language-based
25 keyboard.

27. The system of claim 26 wherein said second

conversion means converts the second language-based keyboard into the first language-based keyboard.

28. The system of claim 27 wherein the second
5 language-based keyboard is converted into the first language-based keyboard by said second conversion means if a cursor on the Web browser screen is put into the first input box.

10 29. The system of claim 26 wherein the first language-based keyboard is converted into the second language-based keyboard by said second conversion means if a cursor on the Web browser screen is put into the second input box.

15 30. The system of claim 1 wherein the Web browser screen has at least one icon linked to a domain registration management server.

20 31. The system of claim 30 wherein the domain registration management server is one of "Korea network information center(KRNIC)", "netpia.com", "hanmir.com", "hanguljuso.com" and "hanglo.com".

25 32. The system of claim 31 wherein the Web browser screen further comprises an icon linked to an Internet portal site linked to free Web sites.

33. The system of claim 25 wherein a color of a surrounding portion of the first input box is varied if the user at said client computer employs the first input box and a color of a surrounding portion of the second input box is varied if the user at said client computer employs the second input box.

34. The system of claim 25 wherein a color of an inside portion of the first input box is varied if the user at said client computer employs the first input box and a color of an inside portion of the second input box is varied if the user at said client computer employs the second input box.

15

35. A method for searching a target Web site comprising the steps of:

(a) inputting a set of key data corresponding to a domain name through at least one Web browser screen provided by a Web browser, the domain name being one of a first language-based domain name and a second language-based domain name;

(b) identifying the first language-based domain name mapped to the second language-based domain name from a mapping table; and

(c) searching the target Web site having the first language-based domain name identified from the mapping

table.

36. The method of claim 35 wherein said step (a) further comprises the steps of:

5 (a1) clicking an icon of the Web browser for activating the Web browser;

(a2) displaying the Web browser screen on a computer monitor of the client computer;

10 (a3) inputting the set of key data corresponding to the domain name; and

(a4) determining the domain name inputted.

37. The method of claim 36 wherein the Web browser screen comprises:

15 an input box having the first or second language-based domain name as the set of key data inputted by a user at the client computer;

20 a first keyboard conversion icon being clicked in order to convert a keyboard into a first language-based keyboard, the keyboard being attached to the client computer;

a second keyboard conversion icon being clicked in order to convert the keyboard into a second language-based keyboard; and

25 a search icon being clicked in order to search the target Web site having the first language-based domain name mapped to the second language-based domain name.

38. The method of claim 36 wherein said step (b) further comprises the steps of:

5 (b1) if the domain name inputted is the first language-based domain name, searching the target Web site having the first language-based domain name; and

(b2) if the domain name inputted is the second language-based domain name, identifying the first language-based domain name mapped to the second
10 language-based domain name from the mapping table.

39. The method of claim 35 wherein the first language-based domain name is an English-based domain name.

15 40. The method of claim 35 wherein the second language-based domain name is one of Korean-, Japanese-, Chinese-, German-, French-, Italian-, Latin-, Russian-, Spanish-, Arab-, Portuguese-, Dutch-, and Hindustani-based domain names.

20

41. The method of claim 36, wherein the intermediate Web page further comprises:

a screen keyboard for generating a set of screen key data corresponding to a third language-based domain name.

25

42. The method of claim 41 further comprising the step of:

(d) identifying the first language-based domain name mapped to the third language-based domain name from the mapping table.

5 43. The method of claim 42 further comprising the step of:

 (e) searching the target Web site having the first language-based domain name mapped to the third language-based domain name identified from the mapping
10 table.

 44. The method of claim 41 wherein the input box further has the third language-based domain names inputted via the screen keyboard by the user at the client computer.
15

 45. The method of claim 41 wherein the third language-based domain name is one of a Korean-, Japanese-, Chinese-, German-, French-, Italian-, Latin-, Russian-, Spanish-, Arab-, Portuguese-, Dutch-, and Hindustani-based
20 domain names.

 46. The method of claim 35 wherein the mapping table further contains keywords, which are respectively mapped to the first language-based domain names, and class
25 information related to the keywords.

 47. The method of claim 37 wherein the input box receives

a keyword inputted by the user.

48. The method of claim 47 wherein the keyword is one of a first and second language keywords.

5

49. The method claim 48 wherein the first language keyword is an English keyword.

50. The method of claim 48 wherein the second language
10 keyword is one of Korean, Japanese, German, Chinese, French, Italian, Latin, Russian, Spanish, Arab, Portuguese, Dutch, and Hindustani keywords.

51. The method of claim 48 wherein said intermediate
15 Web page further comprises a designation box having a list of classes so that the user can designate one class corresponding to the first or second language keyword in the list of classes.

20 52. The method of claim 51 wherein the classes are business corporation, firm name, company, trademark, product, private person, musician, song title, entertainer, sportsman, artist, churchman, politician, businessman, celebrity, lawyer, school, state organization, non-profit
25 organization, institute, network manager, country, etc.

53. The method of claim 37 wherein a color of the

first or second keyboard conversion icon is varied if the user at the client computer clicks the first or second keyboard conversion icon.

5 54. The method of claim 43 wherein the intermediate Web page further comprises:

 a designation box having a list of countries so that the user can designate one country in the list of countries.

10 55. The method of claim 54 wherein said step (e) further comprises the step of:

 connecting the client computer to the target Web site corresponding to the designated country if the user designates one country in the list of countries.

15 56. The method of claim 36 wherein the Web browser screen comprises:

 a first input box for receiving the first language-based domain name or a first language keyword inputted by the user at the client computer; and

 a second input box for receiving the second language-based domain name or a second language keyword inputted by the user at the client computer.

25 57. The method of claim 56 further comprising the step of:

 (f) converting the first language-based keyboard into

the second language-based keyboard.

58. The method of claim 57 further comprising the step of:

5 (g) converting the second language-based keyboard into the first language-based keyboard.

59. The method of claim 58 wherein the second language-based keyboard is converted into the first language-based keyboard if a cursor on the Web browser screen is put into the first input box.

60. The method of claim 57 wherein the first language-based keyboard is converted into the second language-based keyboard if a cursor on the Web browser screen is put into the second input box.

61. The method of claim 35 wherein the Web browser screen comprises at least one icon linked to a domain registration management server.

62. The method of claim 61 wherein the domain registration management server is one of "Korea network information center (KRNIC)", "netpia.com", "hanmir.com", "hanguljuso.com", "hanglro.com", etc.

63. The method of claim 61 wherein the Web browser

screen further comprises an icon linked to an Internet portal site linked to free Web sites.

64. The method of claim 56 wherein a color of a
5 surrounding portion of the first input box is varied if the user at said client computer employs the first input box and a color of a surrounding portion of the second input box is varied if the user at said client computer employs the second input box.

10

65. The method of claim 56 wherein a color of an inside
portion of the first input box is varied if the user at
said client computer employs the first input box and a
color of an inside portion of the second input box is varied
15 if the user at said client computer employs the second
input box.

66. A computer-readable medium for storing program
instructionsthat cause a computer to perform a method for
20 searching a target Web site, the method comprising the
steps of:

(a) inputting a set of key data corresponding to a
domain name through at least one Web browser screen provided
by a Web browser, the domain name being one of first and
25 second language-based domain names;

(b) identifying the first language-based domain name
mapped to the second language-based domain name from a

mapping table; and

(c) searching the target Web site having the first language-based domain name identified from the mapping table.

5

67. The computer-readable medium of claim 66 wherein said step (a) further comprises the steps of:

(a1) clicking an icon of the Web browser to run the Web browser;

10 (a2) displaying the Web browser screen on a computer monitor of the client computer;

(a3) inputting the set of key data corresponding to the domain name; and

(a4) determining the domain name inputted.

15

68. The computer-readable medium of claim 67 wherein the Web browser screen comprises:

an input box for receiving the first or second language-based domain name as the set of key data inputted
20 by a user at the client computer;

a first keyboard conversion icon being clicked in order to convert a keyboard into a first language-based keyboard, the keyboard being attached to the client computer;

25 a second keyboard conversion icon being clicked in order to convert the keyboard into a second language-based keyboard; and

a search icon being clicked in order to search the target Web site having the first language-based domain name mapped to the second language-based domain name.

5 69. The computer-readable medium of claim 67, wherein said step (b) further comprises the steps of:

(b1) if the domain name inputted is the first language-based domain name, searching the target Web site having the first language-based domain name; and

10 (b2) if the domain name inputted is the second language-based domain name, identifying the first language-based domain name mapped to the second language-based domain name from the mapping table.

15 70. The computer-readable medium of claim 66 wherein the first language-based domain name is an English-based domain name.

71. The computer-readable medium of claim 66 wherein
20 the second language-based domain name is one of Korean-, Japanese-, Chinese-domainname, German-, French-, Italian-, Latin-, Russian-, Spanish-, Arab-, Portuguese-, Dutch-, and Hindustani-based domain names.

25 72. The computer-readable medium of claim 67 wherein the intermediate Web page further comprises:

a screen keyboard for generating a set of screen key

data corresponding to a third language-based domain name.

73. The computer-readable medium of claim 72 wherein the method further comprising the step of:

5 (d) identifying the first language-based domain name mapped to the third language-based domain name from the mapping table.

74. The computer-readable medium of claim 73 further comprising the step of:

10 (e) searching the target Web site having the first language-based domain name mapped to the third language-based domain name identified from the mapping table.

15

75. The computer-readable medium of claim 72 wherein the input box receives the third language-based domain name inputted via the screen keyboard by the user at the client computer.

20

76. The computer-readable medium of claim 72 wherein the third language-based domain name is one of Korean-, Japanese-, Chinese-, German-, French-, Italian-, Latin-, Russian-, Spanish-, Arab-, Portuguese-, Dutch-, and
25 Hindustani-based domain names.

77. The computer-readable medium of claim 66 wherein

the mapping table further contains keywords that are respectively mapped to the first language-based domain names, and class information related to the keywords.

5 78. The computer-readable medium of claim 68 wherein the input box further receives a keyword inputted by the user.

10 79. The computer-readable medium of claim 78 wherein the keyword is a first language keyword or a second language keyword.

15 80. The computer-readable medium of claim 79 wherein the first language keyword is an English keyword.

20 81. The computer-readable medium of claim 79 wherein the second language keyword is one of Korean, Japanese, German, Chinese, French, Italian, Latin, Russian, Spanish, Arab, Portuguese, Dutch, and Hindustani keywords.

25 82. The computer-readable medium of claim 79 wherein said intermediate Web page further comprises a designation box having a list of classes so that the user can designate one class corresponding to the first or second language keyword in the list of classes.

83. The computer-readable medium of claim 82 wherein

the classes are business corporation, firm, company, trademark, product, private person, musician, song title, entertainer, sportsman, artist, churchman, politician, businessman, celebrity, lawyer, school, state organization, 5 non-profit organization, institute, network manager, country, etc.

84. The computer-readable medium of claim 68 wherein a color of the first or second keyboard conversion icon 10 is varied if the user at the client computer clicks the first or second keyboard conversion icon.

85. The computer-readable medium claim 74 wherein the intermediate Web page further comprises: 15 a designation box having a list of countries so that the user can designate one country in the list of countries.

86. The computer-readable medium of claim 85 wherein said step (e) further comprises the step of: 20 connecting the client computer to the target Web site corresponding to the designated country if the user designates one country in the list of countries.

87. The computer-readable medium of claim 67 wherein 25 the Web browser screen comprises: a first input box for receiving the first language-based domain name or a first language keyword inputted by the

user at the client computer; and

a second input box for receiving the second language-based domain name or a second language keyword inputted by the user at the client computer.

5

88. The computer-readable medium of claim 87 further comprising the step of:

(f) converting the first language-based keyboard into the second language-based keyboard.

10

89. The computer-readable medium of claim 88 further comprising the step of:

(g) converting the second language-based keyboard into the first language-based keyboard.

15

90. The computer-readable medium of claim 89 wherein the second language-based keyboard is converted into the first language-based keyboard if a cursor on the Web browser screen is put into the first input box.

20

91. The computer-readable medium of claim 88 wherein the first language-based keyboard is converted into the second language-based keyboard if a cursor on the Web browser screen is put into the second input box.

25

92. The computer-readable medium of claim 66, wherein the Web browser screen comprises at least one icon linked

to a domain registration management server.

93. The computer-readable medium of claim 92 wherein
the domain registration management server is one of "Korea
5 network information center (KRNIC)", "netpia.com",
"hanmir.com", "hanguljuso.com" and "hanglro.com".

94. The computer-readable medium of claim 92 wherein
the Web browser screen further comprises an icon linked
10 to an Internet portal site linked to free Web sites.

95. The computer-readable medium of claim 87 wherein
a color of a surrounding portion of the first input box
is varied if the user at said client computer employs the
15 first input box and a color of a surrounding portion of
the second input box is varied if the user at said client
computer employs the second input box.

96. The computer-readable medium of claim 87 wherein
20 a color of an inside portion of the first input box is
varied if the user at said client computer employs the
first input box and a color of an inside portion of the
second input box is varied if the user at said client computer
employs the second input box.

25